

ANALYTICA CHIMICA ACTA, VOL. 246 (1991)

AUTHOR INDEX

- Adams, J., see Contado, M.J. 187
 Ahern, A.M., see Herne, T.M. 75
 Ahmad, K., see Dabek-Zlotorzynska, E. 315
 Alder, J.F., see Jawad, S.M. 259
 Appelqvist, R., see Polášek, M. 283
 Aragaki, M., see Yokoyama, Y. 405
 Arenas, R.V.
 — and Foley, J.P.
 Solvent strength, selectivity and retention mechanism studies on polybutadiene-coated alumina columns in reversed-phase liquid chromatography 113
 Asuero, A.G., see Gonzalez, A.G. 429
 Bachas, L.G., see Przyjazny, A. 103
 Bateman, K.P., see Wentzell, P.D. 43
 Bergeron, M., see Boisvert, R. 365
 Betts, T.A.
 —, Catena, G.C., Huang, J., Litwiler, K.S., Zhang, J., Zagrobelny, J. and Bright, F.V.
 Fiber-optic-based immunosensors for haptens 55
 Boisvert, R.
 —, Bergeron, M. and Turcotte, J.
 Re-examination of the determination of palladium, platinum and rhodium in rocks by nickel sulphide fire assay followed by graphite furnace atomic absorption measurements 365
 Brajter-Toth, A., see Dabek-Zlotorzynska, E. 315
 Bright, F.V., see Betts, T.A. 55
 Brock, I.H., see Wade, A.P. 23
 Brooks, R.R., see Frankenberger, A. 359
 Buckner, S.W., see VanOrden, S.L. 199
 Cabrera, C.
 —, Lorenzo, M.L., Gallego, C., López, M.C. and Lillo, E.
 Determination of lead in fish by electrothermal atomic absorption spectrometry 375
 Carpenter, S.E., see Small, G.W. 85
 Catena, G.C., see Betts, T.A. 55
 Chan, W.H., see Lee, A.W.M. 443
 Chana, B.S., see Dyne, D. 351
 Chen, S.-H.
 —, Evans, C.E. and McGuffin, V.L.
 Selective fluorescence quenching of polynuclear aromatic hydrocarbons in microcolumn liquid chromatography 65
 Chow, P.Y.T., see Wade, A.P. 23
 Cocker, J., see Dyne, D. 351
 Contado, M.J.
 — and Adams, J.
 Collision-induced dissociations and *B/E* linked scans for structural determination of modified fatty acid esters 187
 Creager, S.E.
 — and Rowe, G.K.
 Redox properties of ferrocenylalkane thiols coadsorbed with linear *n*-alkanethiols on polycrystalline bulk gold electrodes 233
 Dabek-Zlotorzynska, E.
 —, Ahmad, K. and Brajter-Toth, A.
 Effect of ultramicroelectrode array structure and analyte properties on the detector response in flow-injection analysis 315
 Dalangin, R.R., see Gunasingham, H. 309
 Davis, J.M.
 Influence of crossflow hydrodynamics on retention ratio in flow field-flow fractionation 161
 Dyne, D.
 —, Chana, B.S., Smith, N.J. and Cocker, J.
 Determination of tributyltin oxide and its di- and monobutyl metabolites in urine using combined gas chromatography-atomic absorption spectrometry 351
 Edkins, T.J.
 — and Shelly, D.C.
 Miniature, automated photon counting system for liquid chromatography 151
 Evans, C.E., see Chen, S.-H. 65
 Farrell, Jr., J.T.
 —, Lin, P. and Kenttämää, H.I.
 Simple method for ion isolation in Fourier transform ion cyclotron resonance mass spectrometry: combined notch excitation and selective ion partitioning in a dual cell 227
 Foley, J.P., see Arenas, R.V. 113
 Frankenberger, A.
 —, Brooks, R.R. and Hoashi, M.
 Determination of vanadium in steels and geological materials by liquid-liquid extraction and graphite furnace atomic absorption spectrometry 359
 Fujiwara, K.
 —, Tsubota, H., Tsumura, S.-i., Iwata, S. and Kumamaru, T.
 Flame spectrophotometric determination of borate based on diborane generation 413
 Furton, K.G.
 — and Morales, R.
 Effect of anion chain length on the solvent properties of liquid tetrabutylammonium alkylsulfonate salts studied by gas-liquid chromatography 171

- Gallego, C., see Cabrera, C. 375
- Gao, Z.-P., see Yang, J.-N. 341
- Garrell, R.L., see Herne, T.M. 75
- Gauthier, J.W.
—, Trautman, T.R. and Jacobson, D.B.
Sustained off-resonance irradiation for collision-activated dissociation involving Fourier transform mass spectrometry. Collision-activated dissociation technique that emulates infrared multiphoton dissociation 211
- Gonzalez, A.G.
—, Herrador, M.A. and Asuero, A.G.
Acid-base behaviour of some substituted azo dyes in aqueous *N,N*-dimethylformamide mixtures 429
- González, I., see Rojas-Hernández, A. 435
- Gorton, L., see Polášek, M. 283
- Grudpan, K.
— and Nacapricha, D.
Flow-injection radiorelease analysis for vanadium 329
—, Nacapricha, D. and Wattanajakana, Y.
Radiometric detectors for flow-injection analysis 325
- Guillem, A.F.
—, Shillady, D.D., Jones, L.F. and Rutan, S.C.
Characterization of lanthanide complexation with magnetic circular dichroism spectroscopy, factor analysis and Kalman filtering 1
- Gunasingham, H.
— and Dalangin, R.R.
Anodic stripping voltammetry of lead using a copper-mercury film electrode 309
- Hartland, S., see Steiner, L. 347
- He, H.
—, Uray, G. and Wolfbeis, O.S.
Enantioselective optodes 251
- Henderson, A.N., see Sentell, K.B. 139
- Herne, T.M.
—, Ahern, A.M. and Garrell, R.L.
Surface-enhanced Raman spectroscopy of tripeptides adsorbed on colloidal silver 75
- Herrador, M.A., see Gonzalez, A.G. 429
- Ho, M.F., see Lee, A.W.M. 443
- Hoashi, M., see Frankenberger, A. 359
- Huang, H.-J., see Sung, J.-Y. 275
- Huang, J., see Betts, T.A. 55
- Ibáñez, J.G., see Rojas-Hernández, A. 435
- Iwata, S., see Fujiwara, K. 413
- Jacobson, D.B., see Gauthier, J.W. 211
- Jawad, S.M.
— and Alder, J.F.
Optical fibre sensor for detection of hydrogen cyanide in air. Part 2. Theory and design of an automatic detection system 259
- Johansson, G., see Polášek, M. 283
- Jones, L.F., see Guillem, A.F. 1
- Kaltenbach, T.F., see Small, G.W. 85
- Keller, H.R.
— and Massart, D.L.
Peak purity control in liquid chromatography with photodiode-array detection by a fixed size moving window evolving factor analysis 379
- Kenttämää, H.I., see Farrell, Jr., J.T. 227
- Khaledi, M.G., see Kord, A.S. 131
- Kord, A.S.
—, Strasters, J.K. and Khaledi, M.G.
Comparative study of the determination of solute-micelle binding constants by micellar liquid chromatography and micellar electrokinetic capillary chromatography 131
- Kroutil, R.T., see Small, G.W. 85
- Kumamaru, T., see Fujiwara, K. 413
- Lederer, M.
Adsorption chromatography of metal halo complexes from sulphuric acid solutions 451
- Lee, A.W.M.
—, Chan, W.H. and Ho, M.F.
Ultraviolet spectrophotometric determination of amino acids by formation of dithiocarbamates 443
- Lillo, E., see Cabrera, C. 375
- Lin, P., see Farrell, Jr., J.T. 227
- Litwiler, K.S., see Betts, T.A. 55
- López, M.C., see Cabrera, C. 375
- Lorenzo, M.L., see Cabrera, C. 375
- Lunte, C.E., see Steele, K.L. 181
- Malcomson, M.E., see VanOrden, S.L. 199
- Marko-Varga, G., see Polášek, M. 283
- Massart, D.L., see Keller, H.R. 379
- McGuffin, V.L., see Chen, S.-H. 65
- Mo, Z.-H.
—, Nie, L.-H. and Yao, S.-Z.
Titrations with piezoelectric monitoring. Part 3. Redox titrations of iron(II) with dichromate and permanganate 421
—, Nie, L.-H. and Yao, S.-Z.
Titrations with piezoelectric monitoring. Part 4. Iodimetry—linear extrapolation method 425
- Morales, R., see Furton, K.G. 171
- Motomizu, S., see Yamamoto, K. 333
- Murugaiah, V.
— and Synovec, R.E.
Molecular weight sensing of polyethylene glycols by flow injection analysis and refractive index gradient detection 241
- Nacapricha, D., see Grudpan, K. 325, 329
- Nie, L.-H., see Mo, Z.-H. 421, 425
- Pingarrón Carrazón, J.M., see Reviejo García, A.J. 293
- Pletcher, D.
— and Valdes, E.M.
Studies of a microelectrode sensor for monitoring chlorine in water supplies 267

- Polášek, M.
—, Gorton, L., Appelqvist, R., Marko-Varga, G. and Johansson, G.
Amperometric glucose sensor based on glucose dehydrogenase immobilized on a graphite electrode modified with an *N,N'*-bis(benzophenoxazinyl) derivative of benzene-1,4-dicarboxamide 283
- Polo Díez, L.M., see Reviejo García, A.J. 293
- Przyjazny, A.
— and Bachas, L.G.
Competitive-binding approach to liquid chromatographic postcolumn reactions with fluorimetric detection 103
- Pu, B.Y., see Steiner, L. 347
- Ramírez, M.T., see Rojas-Hernández, A. 435
- Reviejo García, A.J.
—, Ruiz Barrio, A., Pingarrón Carrazón, J.M. and Polo Díez, L.M.
Polarographic study of organochlorine pesticides in micellar solutions 293
- Rojas-Hernández, A.
—, Ramírez, M.T., Ibáñez, J.G. and González, I.
Relationship of multidimensional predominance-zone diagrams with multiconditional constants for complexation equilibria 435
- Rowe, G.K., see Creager, S.E. 233
- Ruiz Barrio, A., see Reviejo García, A.J. 293
- Rutan, S.C., see Guillem, A.F. 1
- Sato, H., see Yokoyama, Y. 405
- Scott, D.O., see Steele, K.L. 181
- Scott, D.R.
Expert system for estimates of molecular weights of volatile organic compounds from low-resolution mass spectra 391
- Sentell, K.B.
— and Henderson, A.N.
Entropy dominated subambient temperature separations in reversed-phase liquid chromatography 139
- Shelly, D.C., see Edkins, T.J. 151
- Shillady, D.D., see Guillem, A.F. 1
- Small, G.W.
—, Carpenter, S.E., Kaltenbach, T.F. and Kroutil, R.T.
Discriminant analysis techniques for the identification of atmospheric pollutants from passive Fourier transform infrared interferograms 85
- Smith, N.J., see Dyne, D. 351
- Soulsbury, K.A., see Wade, A.P. 23
- Steele, K.L.
—, Scott, D.O. and Lunte, C.E.
Pharmacokinetic studies of aspirin in rats using in vivo microdialysis sampling 181
- Steiner, L.
—, Xing, M.L., Pu, B.Y. and Hartland, S.
Determination of zinc and manganese in emulsified organic reactants by atomic absorption spectrometry 347
- Strasters, J.K., see Kord, A.S. 131
- Sung, J.-Y.
— and Huang, H.-J.
Application of a polyaniline-Nafion composite electrode to the determination of alkali and alkaline earth metal ions using flow-injection analysis and ion chromatography 275
- Synovec, R.E., see Murugaiah, V. 241
- Trautman, T.R., see Gauthier, J.W. 211
- Tsubota, H., see Fujiwara, K. 413
- Tsuchiya, M., see Yokoyama, Y. 405
- Tsumura, S.-i., see Fujiwara, K. 413
- Turcotte, J., see Boisvert, R. 365
- Uray, G., see He, H. 251
- Valdes, E.M., see Pletcher, D. 267
- VanOrden, S.L.
—, Malcomson, M.E. and Buckner, S.W.
Mechanistic and kinetic aspects of chemical ionization mass spectrometry of polynuclear aromatic hydrocarbons and their halogen-substituted analogues using oxidizing reagents: A gas chromatographic-mass spectrometric and Fourier transform mass spectrometric study 199
- Vanslyke, S.J., see Wentzell, P.D. 43
- Voigtman, E.
Computer simulations in spectrometry 9
- Wade, A.P.
—, Soulsbury, K.A., Chow, P.Y.T. and Brock, I.H.
Strategies for characterization of chemical acoustic emission signals near the conventional detection limit 23
- Wattanakanjana, Y., see Grudpan, K. 325
- Wentzell, P.D.
—, Vanslyke, S.J. and Bateman, K.P.
Evaluation of acoustic emission as a means of quantitative chemical analysis 43
- Wolfbeis, O.S., see He, H. 251
- Wong, J.L., see Wu, T.-G. 301
- Worsfold, P.J.
— and Yan, B.
Determination of alkanolamines by ion-pair chromatography with chemiluminescence detection 447
- Wu, T.-G.
— and Wong, J.L.
Adsorptive stripping voltammetric speciation of nickel(II)-histidine in aqueous ammonia 301
- Xing, M.L., see Steiner, L. 347
- Yamamoto, K.
— and Motomizu, S.
Spectrophotometric method for the determination of ionic surfactants by flow-injection analysis with acidic dyes 333
- Yan, B., see Worsfold, P.J. 447
- Yang, J.-N.
—, Yao, Z.-H. and Gao, Z.-P.
Flow-injection amperometric determination of diffusion coefficients 341
- Yao, S.-Z., see Mo, Z.-H. 421, 425

Yao, Z.-H., see Yang, J.-N. 341

Yokoyama, Y.

—, Aragaki, M., Sato, H. and Tsuchiya, M.

Determination of sweat constituents by liquid ionization
mass spectrometry 405

Zagrobelyny, J., see Betts, T.A. 55

Zhang, J., see Betts, T.A. 55